

03060103-080

(Wilson Creek)

General Description

Watershed 03060103-080 is located in Anderson and Abbeville Counties and consists primarily of *Wilson Creek* and its tributaries. The watershed occupies 24,703 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Cecil-Hiwassee series. The erodibility of the soil (K) averages 0.26, and the slope of the terrain averages 10%, with a range of 2-15%.

Land use/land cover in the watershed includes: 58.3% forested land, 35.9% agricultural land, 3.1% urban land, 2.1% barren land, 0.3% forested wetland, and 0.3% water.

Wilson Creek accepts drainage from Jordan Creek (Deep Step Creek) and East Beards Creek before flowing into the Rocky River arm of Lake Russell. There are a total of 53.6 stream miles and 48.7 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
SV-185	BIO	FW	WILSON CREEK AT SC 413
SV-347	W	FW	WILSON CREEK AT S-04-294

Wilson Creek - There are two monitoring sites along Wilson Creek. Aquatic life uses are fully supported at the upstream site (*SV-185*) based on macroinvertebrate community data. Aquatic life uses are also fully supported at the downstream site (*SV-347*). Recreational uses are partially supported at this site due to fecal coliform bacteria excursions.

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

EAST BEARDS CREEK

TOWN OF IVA/EASTSIDE FACILITY A

PIPE #: 001 FLOW: 0.245

NPDES#

TYPE

COMMENT

SC0025810

MINOR DOMESTIC

Growth Potential

There is a low to moderate potential for growth in this watershed, which contains portions of the Towns of Starr and Iva. Projected industrial development in this watershed runs along the S.C. Highway 81 corridor from Anderson to Starr. Also a rail line runs between Iva and Starr to Anderson, a criterion for siting new industry.